

CLAIMS

I claim:

1. A removable device to exclude insects and creatures, comprising:
a screen, generally rectangular in shape;
5 two stiles, mutually parallel, rigid, and located upon the perimeter of said screen
whereby said stiles are perpendicular to the horizon upon installation of
said device in an opening, and of sufficient length to span the height of
said opening;
two rails, mutually parallel, rigid, perpendicular to said stiles, and located upon
10 the perimeter of said screen whereby said rails are parallel to the horizon
upon installation of said device in said opening, and of sufficient length to
span the width of said opening;
two or more first elbows having a hollow first end to receive said rail and a first
spring within said first end, a hollow second end perpendicular to said first
15 end to receive said stile and a second spring within said second end; and,
one or more second elbows having a hollow first end to receive said rail and a first
spring within said first end, a hollow second end perpendicular to said first
end to receive said stile and a second spring within said second end;
whereby, said stiles and said rails connect to said first elbows and said second
20 elbows around the perimeter of said screen.
2. The removable device to exclude insects and creatures of claim 1 wherein said
first spring attaches to said first end of said first elbow or said second elbow and
has a free end opposite the attachment of said first spring extending beyond said
first end that positions said device within said opening.
- 25 3. The removable device to exclude insects and creatures of claim 1 wherein said
second spring attaches to said second end of said first elbow or said second elbow
and has a free end within said second end that extends said device collinear with
said stiles to span said opening.
- 30 4. The removable device to exclude insects and creatures of claim 1 further
comprising said first end of said first elbows and said first end of said second

elbows having one or more feet parallel to said rails, on the exterior of said first end opposite said second end.

5. The removable device to exclude insects and creatures of claim 4 wherein said feet are rubber.

- 5 6. The removable device to exclude insects and creatures of claim 1 further comprising,

said stiles each having a pattern of coplanar holes;

said rails each having a pattern of coplanar holes;

said first ends and said second ends each having a threaded hole;

- 10 thumbscrews in said threaded holes that advance into said hole within said stile;

and,

said thumbscrews in said threaded holes that advance into said hole within said

rail; whereby, said thumbscrews in combination with said pattern of holes

fix the size of said device.

- 15 7. The removable device to exclude insects and creatures of claim 1 wherein said first ends have a cross-section on a plane normal to the longitudinal axis of said rail that snugly surrounds the cross-section of said rail on a plane normal to the longitudinal axis of said rail, and said second ends have a cross-section on a plane normal to the longitudinal axis of said stile that snugly surrounds the cross-section of said stile on a plane normal to the longitudinal axis of said stile.

- 20 8. The removable device to exclude insects and creatures of claim 7 wherein said cross-section is square.

9. The removable device to exclude insects and creatures of claim 1 wherein said screen is a mesh material selected from the group metal, plastic, fiberglass, or
25 nylon.

10. A removable device to exclude insects and creatures, comprising
a screen, generally rectangular in shape;
two stiles, mutually parallel, rigid, and located upon the perimeter of said screen
whereby said stiles are perpendicular to the horizon upon installation of
30 said device in an opening, and of sufficient length to span the height of

said opening;

two rails, mutually parallel, rigid, perpendicular to said stiles, and located upon the perimeter of said screen whereby said rails are parallel to the horizon upon installation of said device in said opening, and of sufficient length to span the width of said opening;

two or more first elbows having a hollow first end to receive said rail and a first spring within said first end; a hollow second end perpendicular to said first end to receive said stile and a second spring within said second end, and gripping means upon said first end coplanar with said second end; and,

one or more second elbows having a hollow first end to receive said rail and a first spring within said first end, a hollow second end perpendicular to said first end to receive said stile and a second spring within said second end, and adjusting means upon said first end coplanar with said second end;

whereby, said stiles and said rails connect to said first elbows and said second elbows around the perimeter of said screen with said gripping means coplanar with said adjusting means.

11. The removable device to exclude insects and creatures of claim 10 further comprising,

said gripping means having three or more coplanar clips;

said stiles having a centered longitudinal groove;

said rails having a centered longitudinal groove;

said first ends having a centered longitudinal groove;

said second ends having a centered longitudinal groove;

whereby, said longitudinal grooves and said clips are coplanar and the perimeter of said screen folds into said grooves.

12. The removable device to exclude insects and creatures of claim 11 wherein said clips have a generally trapezoidal shape, a fixed end and an opposite free end, and said free end extends over said screen.

13. The removable device to exclude insects and creatures of claim 10 further comprising,

said adjusting means having two opposed plates;
said plates having a plurality of teeth, at least partially, along the perimeter of said
plate;

and said teeth of said plates face each other;

whereby, said screen inserted between said opposed plates remains fast.

14. The removable device to exclude insects and creatures of claim 13 wherein said
plurality of teeth extend upon one edge of said plate parallel with the longitudinal
axis of said plate .

15. The removable device to exclude insects and creatures of claim 13 wherein said
plates attach to said first end and to said second end by screws.

16. The removable device to exclude insects and creatures of claim 13 wherein said
plates attach to said first end and to said second end by rivets.

17. The removable device to exclude insects and creatures of claim 13 wherein said
plates attach to said first end and to said second end by an adhesive.

18. The removable device to exclude insects and creatures of claim 13 wherein said
teeth have a generally triangular shape with the base of the triangular shape
coaxial with the longitudinal axis of said plate.

19. A method of excluding insects and creatures from an opening, the steps
comprising:

measuring said opening; and,

cutting rails and stiles to fit said opening; and,

inserting said rails and said stiles into first ends and second ends respectively of
spring loaded elbows; and,

securing a screen to the rectangle formed by said rails and said stiles assembled;

and,

positioning said screen, said rails and said stiles within said opening.